We claim:

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- 1. A hybrid oligomer comprising a CRE sequence and a sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.
- 2. The hybrid oligomer of Claim 1, wherein the sequence, which hybridizes to the bcl-2 pre-mRNA or mRNA, comprises at least 10 consecutive bases that are complementary to the bcl-2 pre-mRNA or mRNA.
- 10 3. The hybrid oligomer of Claim 1, wherein the sequence that hybridizes to the bcl-2 pre-mRNA or mRNA comprises 5'-TCTCCCAGCG-3'.
 - 4. The hybrid oligomer of Claim 1, wherein the CRE sequence comprises 5'-TGACGTCA-3'.
 - 5. The hybrid oligomer of Claim 4, further comprising the sequence 5'-TCTCCCAGCG-3'.
- 6. The hybrid oligomer of Claim 1, wherein the CRE sequence is linked to the 20 sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.
 - 7. The hybrid oligomer of Claim 6, wherein the CRE sequence comprises two or more CRE consensus sequences.
- 25 8. The hybrid oligomer of Claim 7, wherein a first CRE consensus sequence is linked to a second CRE consensus sequence by one or more bases.
- 9. A method of inhibiting the growth of cancer cells *in vitro* comprising contacting the cancer cells with a hybrid oligomer comprising a CRE sequence and a 30 sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.
 - 10. The method of Claim 9, wherein the sequence, which hybridizes to the bcl-2 pre-mRNA or mRNA, comprises at least 10 consecutive bases that are complementary to the bcl-2 pre-mRNA or mRNA.

- 11. The method of Claim 9, wherein the sequence that hybridizes to the bcl-2 pre-mRNA or mRNA comprises 5'-TCTCCCAGCG-3'.
- 12. The method of Claim 9, wherein the CRE sequence comprises 5'-TGACGTCA-3'.
 - 13. The method of Claim 12, wherein the hybrid oligomer further comprises the sequence 5'-TCTCCCAGCG-3'.
- 10 14. The method of Claim 9, wherein the CRE sequence is linked to the sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.
 - 15. The method of Claim 14, wherein the CRE sequence comprises two or more CRE consensus sequences.
 - 16. The method of Claim 15, wherein a first CRE consensus sequence is linked to a second CRE consensus sequence by one or more bases.
- 17. The method of Claim 9, further comprising contacting the cancer cells with a 20 bcl-2 antisense oligomer.
 - 18. The method of Claim 9, further comprising contacting the cancer cells with a CRE decoy oligomer.
- 25 19. The method of Claim 9, further comprising contacting the cancer cells with a bcl-2 antisense oligomer and a CRE decoy oligomer.
 - 20. The method of Claim 9, further comprising contacting the cancer cells with one or more cancer therapeutic agents.
 - 21. A method of treating or preventing cancer in a human comprising administering to said human, in which such treatment or prevention is desired, a hybrid oligomer comprising a CRE sequence and a sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.

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- 22. The method of Claim 21, wherein the sequence, which hybridizes to the bcl-2 pre-mRNA or mRNA, comprises at least 10 consecutive bases that are complementary to the bcl-2 pre-mRNA or mRNA.
- 5 23. The method of Claim 21, wherein the sequence that hybridizes to the bcl-2 pre-mRNA or mRNA comprises 5'-TCTCCCAGCG-3'.
 - 24. The method of Claim 21, wherein the CRE sequence comprises 5'-TGACGTCA-3'.

- 25. The method of Claim 24, wherein the hybrid oligomer further comprises the sequence 5'-TCTCCCAGCG-3'.
- 26. The method of Claim 21, wherein the CRE sequence is linked to the 15 sequence that hybridizes to the bcl-2 pre-mRNA or mRNA.
 - 27. The method of Claim 26, wherein the CRE sequence comprises two or more CRE consensus sequences.
- 28. The method of Claim 27, wherein a first CRE consensus sequence is linked to a second CRE consensus sequence by one or more bases.
 - 29. The method of Claim 21, further comprising administering a bcl-2 antisense oligomer.

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- 30. The method of Claim 21, further comprising administering a CRE decoy oligomer.
- 31. The method of Claim 21, further comprising administering a bcl-2 antisense 30 oligomer and a CRE decoy oligomer.
 - 32. The method of Claim 21, further comprising administering one or more cancer therapeutic agents.

- 33. The method of Claim 32, wherein administration of the cancer therapeutic agent follows administration of the bcl-2 antisense oligomer and the CRE decoy oligomer.
- 34. The method of Claim 32, wherein administration of the cancer therapeutic agent precedes administration of the bcl-2 antisense oligomer and the CRE decoy oligomer.
 - 35. The method of Claim 32, wherein the cancer therapeutic agent is administered concurrently with the bcl-2 antisense oligomer and the CRE decoy oligomer.
- 10 36. The method of Claim 32, wherein said cancer therapeutic agent is a chemoagent, radiotherapeutic, immunotherapeutic, cancer vaccine, anti-angiogenic agent, cytokine, gene therapeutic, or hormonal agent.
- 37. The method of Claim 32, wherein said cancer therapeutic agent is a chemoagent, and wherein said chemoagent is dacarbazine, docetaxel, paclitaxel, cisplatin, 5-fluorouracil, doxorubicin, etoposide, cyclophosphamide, fludarabine, irinotecan, or cytosine arabinoside (Ara-C).
- 38. The method of Claim 32, wherein said cancer therapeutic agent is 20 administered at a reduced dose.
- 39. The method of Claim 21, wherein said administration is by oral, intravenous infusion, subcutaneous injection, intramuscular injection, topical, depo injection, implantation, time-release mode, intracavitary, intranasal, inhalation, intratumor, or 25 intraocular administration.
 - 40. The method of Claim 21, wherein the hybrid oligomer is administered for a period consists of 2 to 13 days.
- 30 41. The method of Claim 21, wherein the hybrid oligomer is administered for a period consists of 14 to 28 days.
 - 42. The method of Claim 21, comprising administering 0.01 to 10 mg/kg/day of a hybrid oligomer.

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- 43. The method of Claim 21, comprising administering 10 to 50 mg/kg/day of a hybrid oligomer.
- 44. A method of inhibiting the growth of cancer cells *in vitro* comprising contacting the cancer cells with a bcl-2 antisense oligomer and a CRE decoy oligomer.
 - 45. The method of Claim 44, wherein the bcl-2 antisense oligomer comprises the sequence 5'-TCTCCCAGCG-3'.
- 10 46. The method of Claim 44, wherein the CRE decoy oligomer comprises the sequence 5'-TGACGTCA-3'.
 - 47. The method of Claim 44, wherein the CRE decoy oligomer comprises two or more CRE consensus sequences.
 - 48. The method of Claim 44, wherein a first CRE consensus sequence is linked to a second CRE consensus sequence by one or more bases.
- 49. The method of Claim 44, further contacting the cancer cells with one or more 20 cancer therapeutic agents.
 - 50. A method of treating or preventing cancer in a human comprising administering to said human, in which such treatment or prevention is desired, a bcl-2 antisense oligomer and a CRE decoy oligomer.
 - 51. The method of Claim 50, wherein the bcl-2 antisense oligomer comprises the sequence 5'-TCTCCCAGCG-3'.
- 52. The method of Claim 50, wherein the CRE decoy oligomer comprises the 30 sequence 5'-TGACGTCA-3'.
 - 53. The method of Claim 50, wherein the CRE decoy oligomer comprises two or more CRE consensus sequences.

- 54. The method of Claim 50, wherein a first CRE consensus sequence is linked to a second CRE consensus sequence by one or more bases.
- 55. The method of Claim 50, further comprising administering one or more cancer therapeutic agents.
 - 56. The method of Claim 55, wherein administration of the cancer therapeutic agent follows administration of the bcl-2 antisense oligomer and the CRE decoy oligomer.
- The method of Claim 55, wherein administration of the cancer therapeutic agent precedes administration of the bcl-2 antisense oligomer and the CRE decoy oligomer.
 - 58. The method of Claim 55, wherein the cancer therapeutic agent is administered concurrently with the bcl-2 antisense oligomer and the CRE decoy oligomer.
 - 59. The method of Claim 55, wherein said cancer therapeutic agent is a chemoagent, radiotherapeutic, immunotherapeutic, cancer vaccine, anti-angiogenic agent, cytokine, gene therapeutic, or hormonal agent.
- 20 60. The method of Claim 55, wherein said cancer therapeutic agent is a chemoagent, and wherein said chemoagent is dacarbazine, docetaxel, paclitaxel, cisplatin, 5-fluorouracil, doxorubicin, etoposide, cyclophosphamide, fludarabine, irinotecan or cytosine arabinoside (Ara-C).
- 25 61. The method of Claim 55, wherein said cancer therapeutic agent is administered at a reduced dose.
 - 62. The method of Claim 50, wherein said administration is by oral, intravenous infusion, subcutaneous injection, intramuscular injection, topical, depo injection,
- 30 implantation, time-release mode, intracavitary, intranasal, inhalation, intratumor, or intraocular administration.
 - 63. The method of Claim 50, wherein the hybrid oligomer is administered for a period consists of 2 to 13 days.

- 64. The method of Claim 50, wherein the hybrid oligomer is administered for a period consists of 14 to 28 days.
- 65. The method of Claim 50, comprising administering 0.01 to 10 mg/kg/day of a hybrid oligomer.
 - 66. The method of Claim 50, comprising administering 10 to 50 mg/kg/day of a hybrid oligomer.
- 10 67. A pharmaceutical composition comprising a hybrid oligomer comprising a CRE sequence and a sequence that hybridizes to the bcl-2 pre-mRNA or mRNA; and a pharmaceutically acceptable carrier.
- 68. The pharmaceutical composition of Claim 67 further comprising a bel-2 antisense oligomer.
 - 69. The pharmaceutical composition of Claim 67 further comprising a CRE decoy oligomer.
- 70. The pharmaceutical composition of Claim 67 further comprising a bcl-2 antisense oligomer and a CRE decoy oligomer.
 - 71. A pharmaceutical composition comprising a CRE decoy oligomer and a bcl-2 antisense oligomer; and a pharmaceutically acceptable carrier.

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